

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---------------------------|------------------|---------|---------------------|
| L2 | 20218 | (429/12-46).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 19:16 |
| L3 | 114 | L2 and ((polymer near2 membrane) or (solid near2 membrane)) and (catalyst with ((edge near2 protec\$4) or (region near2 (outer or perpheral or edge)) or (surround \$3))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 19:23 |
| L4 | 22 | L2 and ((polymer near2 membrane) or (solid near2 membrane)) and (catalyst with ((edge near2 protec\$4) or (region near2 (outer or perpheral or edge)))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 19:24 |
| L5 | 0 | ((polymer near2 membrane) or (solid near2 membrane)) and (catalyst with ((edge near2 protec\$4) or (region near2 (outer or perpheral or edge))) with (hydrophillic or silica or SiO2 or "SiO.sub.2" or titania or TiO2 or "TiO.sub.2")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:39 |
| L6 | 0 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with ((edge near2 protec\$4) or (region near2 (outer or perpheral or edge))) with (hydrophillic or silica or SiO2 or "SiO.sub.2" or titania or TiO2 or "TiO.sub.2")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:40 |

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| L7 | 51 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO ₂ or "SiO.sub.2" or titania or TiO ₂ or "TiO.sub.2")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:40 |
| L8 | 31 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO ₂ or "SiO.sub.2" or titania or TiO ₂ or "TiO.sub.2")) and (fuel near2 cell) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:40 |
| L9 | 47 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO ₂ or "SiO.sub.2" or titania or TiO ₂ or "TiO.sub.2")) and (fuel near2 cell) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:44 |
| L10 | 49 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO ₂ or "SiO.sub.2" or titania or TiO ₂ or "TiO.sub.2" or (water near5 (retain or retained or retaining or store or stored or storing)))) and (fuel near2 cell) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:45 |

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| L11 | 2 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO2 or "SiO.sub.2" or titania or TiO2 or "TiO.sub.2") same (water near5 (retain or retained or retaining or store or stored or storing))) and (fuel near2 cell) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 20:46 |
| L12 | 0 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO2 or "SiO.sub.2" or titania or TiO2 or "TiO.sub.2") same (water near5 (retain or retained or retaining or store or stored or storing))) and (fuel near2 cell) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/01 20:50 |
| L13 | 0 | ((polymer near2 membrane) or (solid near2 membrane)) and ((carbon or coke or graphite or conductor) with particle with (hydrophilic or silica or SiO2 or "SiO.sub.2" or titania or TiO2 or "TiO.sub.2")) and (water near5 (retain or retained or retaining or store or stored or storing)) and (fuel near2 cell) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/01 20:51 |
| L14 | 280 | ((polymer near2 membrane) or (solid near2 membrane)) and (((fire or thermal or heat) near3 layer) or (edge near2 protect\$3) or (hydrophilic) or (water near5 (retain or retained or retaining or store or stored or storing))) and (fuel near2 cell) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/01 20:54 |

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|-----|-----|--|----------------------------------|----|-----|------------------|
| L15 | 134 | ((polymer near2 membrane) or (solid near2 membrane)) and (((fire or thermal or heat) near3 layer) or (edge near2 protect\$3) or (hydrophilic) or (water near5 (retain or retained or retaining or store or stored or storing))) and (fuel near2 cell) and catalyst | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/01 20:54 |
| L16 | 7 | ((polymer near2 membrane) or (solid near2 membrane)) and (((fire or thermal or heat) near3 layer) or (edge near2 protect\$3) or (hydrophilic) or (water near5 (retain or retained or retaining or store or stored or storing))) and (fuel near2 cell) and (catalyst with particle) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/01 20:55 |
| S1 | 16 | ((RYOICHI) near2 (SHIMOI)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/12/01 09:04 |
| S2 | 7 | ((ATSUSHI) near2 (OHMA)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/12/01 09:14 |
| S3 | 28 | ((YOSHITAKA) near2 (ONO)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/12/01 09:23 |
| S4 | 4 | ((YOSHITAKA) near2 (ONO)).INV. and (fuel near2 cell) | US-PGPUB; USPAT | OR | OFF | 2009/12/01 09:24 |
| S5 | 2 | ("20040067407") or ("20020192533").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 10:22 |
| S6 | 1 | ("6861173").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 10:24 |
| S7 | 1 | ("4756981").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/01 13:55 |

12/1/2009 9:36:22 PM

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